



JC06 Rec'd PCT/PTO 08 SEP 2005

Attorney Docket No. 16442US01

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of:

David Andrew Horsnell )  
Thomas Ian Peter Dummett )  
Matthew B. Tomlin ) Express Mail Label No.: EV728014525US  
Ammar Lecheheb )  
Oliver J. Prime ) Date Of Deposit: September 8, 2005  
Michael J. Fox )  
Christopher M. Bates )  
Serial No.: 10/520,912 )  
Filed: January 7, 2005 )  
Intl. App. No.: PCT/GB03/03024 )  
Intl. Filing Date: July 11, 2003 )  
Title: SOLENOID VALVE FOR A )  
DROP ON DEMAND INK JET )  
PRINTER )  
Confirmation No. 4921 )

**COMPLETION OF FILING REQUIREMENTS**

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

This replies to the Notice to File Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) dated, June 8, 2005, a copy of which is enclosed. The above-identified application was filed without an oath or declaration. The enclosed are being submitted to complete the filing requirements:

Completion of Filing Requirements  
Serial No. 10/520,912

1. An executed Declaration For Utility Or Design Patent Application (37 CFR 1.63);
2. Powers of Attorney and Correspondence Address Indication Forms;
3. A copy of Notice to File Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US); and
4. A Petition for Extension of Time Under 37 C.F.R. §1.136(a), in duplicate.

The Commissioner is hereby authorized to charge \$130 for the surcharge under 37 C.F.R. §1.492(e), and any additional fees which may be required in connection with this submission and/or credit any overpayment to Account No. 13-0017.

Respectfully submitted,



Kirk A. Vander Leest  
Reg. No. 34,036

Date: September 8, 2005

McAndrews, Held & Malloy, Ltd.  
500 West Madison St., Suite 3400  
Chicago, Illinois 60661  
(312) 775-8000  
(312) 775-8100

09/16/2005 ATRAN1 00000122 130017 10520912  
01 FC:1617 130.00 DA

Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

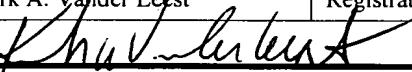
|  |  |  |                       |
|--|--|--|-----------------------|
|  <p><b>TRANSMITTAL FORM</b></p> <p>(to be used for all correspondence after initial filing)</p> |  | Application Number                       | 10/520,912            |
|  |  | Filing Date                              | January 7, 2005       |
|  |  | First Named Inventor                     | David Andrew Horsnell |
|  |  | Art Unit                                 | N/A                   |
|  |  | Examiner Name                            | N/A                   |
|  |  | Total Number of Pages in This Submission | 18                    |

**ENCLOSURES (check all that apply)**

|   |   |  |   |
|---|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br>(In duplicate)<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input checked="" type="checkbox"/> Extension of Time Request<br>(In duplicate)<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input checked="" type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under<br>37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney and Correspondence Address Indication Forms (6 pages)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Return-Receipt Postcard<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Copy of Notification |   |
|   |   |  | <input type="checkbox"/> Drawing(s)   |
|   |   |  | <input type="checkbox"/> Licensing-related Papers   |
|   |   |  | <input type="checkbox"/> Petition   |
|   |   |  | <input type="checkbox"/> Petition to Convert to a Provisional Application                                   |
|   |   |  | <input checked="" type="checkbox"/> Power of Attorney and Correspondence Address Indication Forms (6 pages) |
|   |   |  | <input type="checkbox"/> Terminal Disclaimer  |
|   |   |  | <input type="checkbox"/> Request for Refund   |
|   |   |  | <input type="checkbox"/> CD Number of CD(s) _____   |
|   |   |  | <input type="checkbox"/> Landscape Table on CD  |

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |   |                                   |        |
|-------------------------|---|-----------------------------------|--------|
| Firm or Individual Name | McAndrews Held & Malloy, Ltd.   |                                   |        |
| Name (Print/type)       | Kirk A. Vander Leest  | Registration No. (Attorney/Agent) | 34,036 |
| Signature               |  Date: September 8, 2005 |                                   |        |

**EXPRESS MAIL DEPOSIT**

"Express Mail" mailing label number : EV728014525US

Date of Deposit September 8, 2005.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |  |                          |                       |
|---|--|--------------------------|-----------------------|
| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the consolidated Appropriates Act, 2005 (H.R. 1818).</b> |  | <b>Complete if Known</b> |                       |
| <b>FEETRANSMITTAL</b><br><b>for FY 2005 SEP 08 2005</b>   |  | Application Number       | 10/520,912            |
|   |  | Filing Date              | January 7, 2005       |
|   |  | First Named Inventor     | David Andrew Horsnell |
|   |  | Examiner Name            | N/A                   |
|   |  | Art Unit                 | N/A                   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.                                 |  | Attorney Docket No.      | 16442US01             |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$ 130.00)  |  |                          |                       |

METHOD OF PAYMENT (check all that apply)

 Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_ Deposit Account Deposit Account Number: 13-0017 Deposit Account Name: McAndrews Held & Malloy

For the above-identified deposit account, the Director is hereby authorized to (check all that apply)

|  |   |
|--|---|
| <input checked="" type="checkbox"/> Charge Fee(s) indicated below                            | <input type="checkbox"/> Charge Fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fees(s) | <input checked="" type="checkbox"/> Credit any overpayments                       |
| under 37 CFR 1.16 and 1.17   |   |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| <u>Application Type</u> | <u>FILING FEES</u> |                              | <u>SEARCH FEES</u> |                              | <u>EXAMINATION FEES</u> |                              |                       |
|-------------------------|--------------------|------------------------------|--------------------|------------------------------|-------------------------|------------------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity Fee (\$)</u> | <u>Fee (\$)</u>    | <u>Small Entity Fee (\$)</u> | <u>Fee (\$)</u>         | <u>Small Entity Fee (\$)</u> | <u>Fees Paid (\$)</u> |
| Utility                 | 300                | 150                          | 500                | 250                          | 200                     | 100                          | _____                 |
| Design                  | 200                | 100                          | 100                | 50                           | 130                     | 65                           | _____                 |
| Plant                   | 200                | 100                          | 300                | 150                          | 160                     | 80                           | _____                 |
| Reissue                 | 300                | 150                          | 500                | 250                          | 600                     | 300                          | _____                 |
| Provisional             | 200                | 100                          | 0                  | 0                            | 0                       | 0                            | _____                 |

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20, or for Reissues, each claim over 20 and more than in the original patent

Small EntityFee (\$) Fee (\$)

50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | <u>Fee</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|-----------------|----------------------|----------------------------------|------------|----------------------|
| -20 or HP           | x                   | =               |                      |                                  |            |                      |

HP = highest number of total claims paid for, if greater than 20

| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | <u>Fee</u> | <u>Fee Paid (\$)</u> |
|----------------------|---------------------|-----------------|----------------------|----------------------------------|------------|----------------------|
| -3 or HP             | x                   | =               |                      |                                  |            |                      |

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

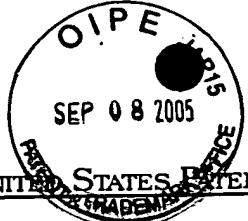
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|---|-----------------|----------------------|
| -100                | /50                 | (round up to a whole number)                            | x               | =                    |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Late Oath or Declaration Surcharge 130.00**SUBMITTED BY**

|                   |   |                                      |        |                   |               |
|-------------------|---|--------------------------------------|--------|-------------------|---------------|
| Signature         |  | Registration No.<br>(Attorney/Agent) | 34,036 | Telephone         | (312)775-8000 |
| Name (print/type) | Kirk A. Vander Leest  |                                      | Date   | September 8, 2005 |               |



9-9-05

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Page 1 of 2 KLM  
PCT  
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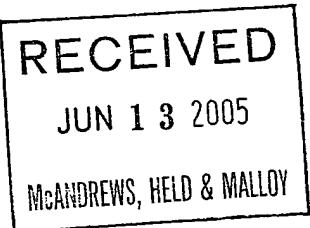
## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/520,912                  | David Andrew Horsnell | 16442US01        |

**RESPONSE DUE:**8-8-05

Kirk Vander Leest  
McAdnews Held & Malloy  
500 W Madison Street  
Suite 3400  
Chicago, IL 60661



INTERNATIONAL APPLICATION NO.

PCT/GB03/03024

IA. FILING DATE

07/11/2003

PRIORITY DATE

07/11/2002

CONFIRMATION NO. 4921  
371 FORMALITIES LETTER



\*OC000000016218423\*

Date Mailed: 06/08/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/07/2005
- Copy of the International Search Report filed on 01/07/2005
- Request for Immediate Examination filed on 01/07/2005
- U.S. Basic National Fees filed on 01/07/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- **\$130** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

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Telephone: (703) 308-9140 EXT 201

**PART 1 - ATTORNEY/APPLICANT COPY**

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| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/520,912                  | PCT/GB03/03024                | 16442US01        |

FORM PCT/DO/EO/905 (371 Formalities Notice)